

RE: Cases in 1980 with Participation in 2004 Study

Brattin, Bill to: Benson.Bob

01/20/2011 12:58 PM

From: "Brattin, Bill" <brattin@srcinc.com>

To:

I think when we go final we should use the 1980 values for these 2, although it seems to make almost no difference (see attached). I also think we should exclude the one individual from 1980 who was positive after a latency of < 0.5 year (at a low CE). That observation is almost certainly due to an exposure the preceeded the Marysville work.

Bill Brattin
SRC, Inc.
999 18th Street, Suite 1975
Denver CO 80202
brattin@srcinc.com
303-357-3121

From: Benson.Bob@epamail.epa.gov [Benson.Bob@epamail.epa.gov]

Sent: Thursday, January 20, 2011 1:01 PM

To: Brattin, Bill

Subject: RE: Cases in 1980 with Participation in 2004 Study

I know we decided to give precedence to all those who participated in

2004 (the 252) and eliminated the 252 from the 1980 data set. I am questioning that decision for #17289 and #18733.

Because both had discrete pleural thickening in 1980, the exposure to

1980 was the "cause" not the exposure to 2000. Using the lower exposure

in 1980 probably will not change the modeling result.

From: "Brattin, Bill" <brattin@srcinc.com>

To: Bob Benson/R8/USEPA/US@EPA

Date: 01/20/2011 10:39 AM

Subject: RE: Cases in 1980 with Participation in 2004 Study

I do not understand your question. These are 2 people for whom we have

data from 1980 and 2004.

To avoid "repeat observations", we keep the data from 2004 and omit the

data from 1980.

The CE value we want is that which applies at the time of x-ray (2004),

not that which existed in 1980.

Am I missing something?

Bill Brattin

SRC, Inc.

999 18th Street, Suite 1975

Denver CO 80202

brattin@srcinc.com

303-357-3121

From: Benson.Bob@epamail.epa.gov [Benson.Bob@epamail.epa.gov]

Sent: Thursday, January 20, 2011 11:33 AM

To: Brattin, Bill

Subject: Cases in 1980 with Participation in 2004 Study

#17289, #17847, and #18733 had discrete pleural thickening in 1980.

We decided to not count the 1980 result for #17847 as he showed no effect in the 2004 study. I agree with assigning this person as no effect and using the cumulative exposure calculated until 2000.


However, #17289 and #18733 had discrete pleural thickening in 1980 and

2004. Shouldn't we be using the cumulative exposure and latency values

as of 6/1/1980 for these two individuals?

For #17289, the exposure in 1980 was 33.509 and in 2000 was 34.046.

For #18733, the exposure in 1980 was 0.091 and in 2000 was

0.149.  - Use 1980 values for two.doc